

June 27, 1977

*file copy*

Summary of Testing  
Schweitzer Cigarette Paper with Esparto Grass

I. R&D Microscopy (Virginia Slims Cigts. with Sch. 137-1)

Oct. 1976 Virginia made - 100% Flax  
Dec. 1976 Virginia made - 100% Flax  
Jan. 1977 Kentucky made - 100% Flax  
                            Virginia made - 100% Flax

-----  
Feb. 1977 Kentucky made - Esparto Grass  
Mar. 1977 Virginia made - Esparto Grass  
April 1977 Virginia made - Esparto Grass  
May 1977 Virginia made - Esparto Grass

NOTE: R&D reports that it is very difficult to estimate the percentage because the flax shive (small pieces) is very similar to the Esparto grass, which can best be identified when in such a position that the characteristic tear drop shape can be seen.

II. Smoking Results (B&H 100's, Sch. 137-1 versus Ec. TOD 06800)

	<u>Sch. 137-1</u>	<u>Ec. TOD 06800</u>
T.P.M.	22.6	20.4
HOH	3.1	2.4
Nic.	1.14	1.02
F.T.C. Tar	18.4	17.0
R.T.D. - Outside Total	5.14	5.05
Inside Plug	2.91	2.90
Static Burn Time (min.)	7.6	6.5
Porosity (Sec.)	(20)	(14)
Circ.	24.71	24.73

NOTE: The porosities of the samples were significantly different and it is possible that the resulting tar difference could result in a taste difference.

III. R&D Taste Panel (B&H 100's, Sch. 137-1 versus Ec. TOD 06800)

On Thurs. 6-23-77 the panel reported that the Sch. samples were harsher.

On Mon. 6-27-77 five out of six members of the panel reported a difference saying that the Sch. was hotter and harsher.

2058088887

R&D, Mr. Kounnas, says that there is a moderate difference and would say not to continue with the Sch. until additional testing were done.

NOTE: These are the same samples that were analyzed for tar which had different porosities as it turned out. The tar differences could cause this taste difference.

#### IV. Customer Complaints on Taste

(Complaints received during the month shown, back up four to six weeks for production month)

	<u>Va. Slims</u>	<u>Va. Slims Menthol</u>
July	1	
Aug.		
Sept.	3	1
Oct.		3
Nov.	3	2
Dec.	2	1
Jan.	4	2
Feb.	2	
Mar.	3	2
April	1	1
May	1	1
June		

  

	<u>Mfg. Ctr.</u>	<u>Lou.</u>	<u>Not Identifiable</u>
Va. Slims	4	0	16
Va. Slims Menthol	2	4	7

NOTE: There was no real difference in the level of taste complaints since the Esparto grass was added.

*Ron Gilman*  
R. M. Gilman

RMG:nr

cc: Mr. E. F. Pierce  
Q.C. File

205808888